METHOD FOR OPERATING MEMBRANE SEPARATION APPARATUS AND APPARATUS THEREFOR

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Abstract of JP2001205055

PROBLEM TO BE SOLVED: To obtain method for operating a membrane separation apparatus which enables energy saving filtration operation, can simply clean a filter medium by removing study of earlier the sold-liquid separation of bio-treated wastewater containing activated studge, etc., can maintain a large amount of filtrate over a long pariod, and is high in emidlency and a device for the method. SOLUTION: The membrane separation apparatus housing bag-shaped place membrane elements in some separation apparatus housing bag-shaped place membrane elements in large and the separation of the sold-reador for tending activated studge, a pump is placed between the bio-reador for tending activated studge, a pump is placed between the bio-reador of tending activated studge, a pump ping on the downsteam side of the pump, and ab lock-reador for tending activated studge, a pump ping on the downsteam side of the pump, and ab lock-reador for tending activated studge, a pump paratus and filtered. After the filtration, by supplying a deating fluid from the bio-reador is supplied as a gas-liquid mixed flow the bio-treatment liquid reador methods and the filter medium to the raw liquid side, fluid back-weaking solder, selecting the side date in the filtrate of the side of the filter medium to the raw liquid side, fluid back-weaking solder, selecting the side date ring by a gas-liquid mixed frow the bio-face for the membrane fluid are regested retermitted from the filtrate medium to the raw liquid as a passed with the bio-freatment liquid are regested retermitted.

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